

**IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

International Application No. : PCT/EP2004/051514  
 International Filing Date : July 15, 2004  
 U.S. Serial No. : 10/564,559  
 Deposit Date U.S. Nat'l Phase : January 13, 2006  
 Priority Date(s) Claimed : July 16, 2003  
 Applicant(s) : Wolfgang Frings et al.  
 Title: PHOTOCATALYTICALLY ACTIVE COATING OF A SUBSTRATE

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS  
 UNDER 35 U.S.C. § 371  
 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 11213-1450

Sir:

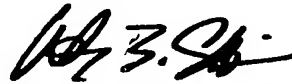
In response to the Notification of Missing Requirements dated September 14, 2006:

- ☒ Attached is a Declaration and Power of Attorney in compliance with 37 CFR § 1.53 along with the late filing surcharge of \$130.00
- ☐ Applicant(s) include an executed assignment and Recordation Form Cover Sheet with the recordation fee of \$40.00 (Check No. ).
- ☒ Attached is a copy of the Notification of Missing Requirements.
- ☒ Applicant(s) request that the time for taking action in this case be extended pursuant to 37 CFR 1.136(a) for a period of five month(s) along with the fee of \$2160.00.
- ☐ Applicant(s) are entitled to small entity status.
- ☒ Attached is a verified English translation of the PCT publication along with the fee of \$130.00 and verified English translation of the substitute sheets.
- ☒ Attached is a Preliminary Amendment.
- ☐ Applicant(s) include the extra claims fee of \$        for        claims in excess of 20 per additional claim, for        independent claims in excess of 3 per additional claim, and/or        for multiple dependent claims.
- ☐ Attached is the Sequence Disclosure (paper/disk versions) with the appropriate statement as required

- ☐ Attached is an Application Data Sheet (ADS).
- ☐ Attached are the substitute drawings as required.

Attached is a check in the amount of \$ 2,420.00. However, the Commissioner is hereby authorized to charge fees under 37 CFR § 1.16 and § 1.17 which may be required to facilitate this filing, or credit any overpayment to Deposit Account #13-3402.

Respectfully submitted,



Harry B. Shubin, Reg. No. 32,004  
Attorney for Applicants

MILLEN, WHITE, ZELANO & BRANIGAN, P.C.  
Arlington Courthouse Plaza 1  
2200 Clarendon Boulevard, Suite 1400  
Arlington, VA 22201  
Direct Dial: 703-243-6333  
Facsimile: 703-243-6410  
Attorney Docket No.: TROPL-0020

Date: April 16, 2007

HBS:lv

K:\TROPL\20\Missing requirements Response.doc

04/18/2007 GFREY1 00000064 10564559  
01 FC:1617 130.00 OP  
02 FC:1618 130.00 OP  
03 FC:1255 2160.00 OP



## UNITED STATES PATENT AND TRADEMARK OFFICE

SEP 18 2006

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER/NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/564,559 ✓	Wolfgang Frings ✓	TROPL-0020 ✓

Millen White Zelano & Branigan  
 Arlington Courthouse Plaza 1  
 Suite 1400  
 2200 Clarendon Blvd  
 Arlington, VA 22201

INTERNATIONAL APPLICATION NO.	
PCT/EP04/51514	
I.A. FILING DATE	PRIORITY DATE
07/15/2004	07/16/2003

CASE \_\_\_\_\_  
 ACTION msg rfg mts  
 DUE DATE 11/14/06

CONFIRMATION NO. 2050 ✓

371 FORMALITIES LETTER



\*OC000000020415810\*

Date Mailed: 09/14/2006

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 01/13/2006
- Copy of the International Search Report filed on 01/13/2006
- Copy of IPE Report filed on 01/13/2006
- Copy of Annexes to the IPER filed on 01/13/2006
- Information Disclosure Statements filed on 01/13/2006
- U.S. Basic National Fees filed on 01/13/2006
- Priority Documents filed on 01/13/2006

CASE \_\_\_\_\_  
 ACTION LL  
 DUE DATE ✓

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Translation of the application into English. Note a processing fee will be required if submitted later than 30 months from the priority date.
- Processing fee of \$130 for providing the translation of the application and/or the Annexes later than 30 months from the priority date (37 CFR 1.492(i)).
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

*[Handwritten signature]*  
 9/18/06

**SUMMARY OF FEES DUE:**

Total additional fees required for this application is **\$260** for a Large Entity:

- **\$130** Surcharge.
- **\$130** for English translation surcharge required.

Additionally the following defects have been observed:

- Annexes have not been entered because No English Translation submitted.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

PATRICIA A BOOKER

Telephone: (703) 308-9140 EXT 204

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/564,559	PCT/EP04/51514	TROPL-0020